

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As below named inventors, we hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

MULTIPLE LEVEL (ML), INTEGRATED SECTOR FORMAT (ISF), ERROR CORRECTION CODE (ECC) ENCODING AND DECODING PROCESSES FOR DATA STORAGE OR COMMUNICATION DEVICES AND SYSTEMS

the specification of which is attac	hed hereto unless the	following box is checke	ed:
was filed on			
as United States Application and was amended on		national Application No	
I hereby state that I have reviewe amendment referred to above.	d and understand the c	ontents of the above ic	dentified specification, including the claims, as amended by an
I acknowledge the duty to disclos	e information which is	material to patentabilit	ity as defined in 37 CFR §1.56.
§365(a) of any PCT International	application which desi box, any foreign applica	gnated at least one co ation for patent or invel	any foreign application(s) for patent or inventor's certificate, puntry other than the United States, listed below and have als intor's certificate, or PCT International application having a filing
Prior Foreign Application	n(s):		Priority Claimed
(Number)		(Country)	(Day/Month/Year Filed)
I hereby claim the benefit und	ler 35 USC §119(e)	of any United States	s provisional application(s) listed below:
•			- p
Provisional Application(s	S): (Application Nun	nber)	(Filing Date)
the United States, listed below an or PCT International application i	d, insofar as the subject n the manner provided as defined in 37 CFR	t matter of each of the o by the first paragraph §1.56 which became a	n(s), or §365(c) of any PCT International application designat claims of this application is not disclosed in the prior United Sta of 35 USC §112, I acknowledge the duty to disclose informat available between the filing date of the prior application and
(Application Number)	(Filing Date)	(Status	is - patented, pending, abandoned)
Power of Attorney:			
I hereby appoint the following att Trademark Office connected the		s) to prosecute this ap	plication and to transact all business in the Patent and
Thomas R. Bertl	nold (#2	8,689)	
Daniel E. Johnson (#37,033)		•	
Marc D. McSwain (#44,929)		4,929)	

(#39,306)

(#41,352)

Alison D. Mortinger Khanh Q. Tran

Page 2 of 3

USA

Citizenship:

Docket No. ARC920010055US1

Post Office Address: Same

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Address all telephone calls to:	Address all correspondence to:
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I hereby declare that all statements made herein of my own knowledge are believed to be true; and further that these statements were made with the punishable by fine or imprisonment, or both, under Section 1001 of Title 18 or jeopardize the validity of the application or any patent issued thereon.	knowledge that willful false statements and the like so made are
Full name of first inventor:	>
Inventor's signature: Hideo Asano	Date: 12 Sep 2001
Residence: 353-5 Ohkura-Machi, Machida City,	Tokyo, Japan 195-0062
Citizenship: Japan	Post Office Address: Same
Full name of second inventor: Martin Aureliano Hassne	er en
Inventor's signature:	Date:
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Citizenship: USA	Post Office Address: Same
	TANDANANANANANANANANANANANANANANANANANAN
Full name of third inventor:	
Inventor's signature: Nyles Norbert Heise	Date:
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Docket No. ARC920010055US1

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Full name of fourth inventor: Tetsuya Tamura							
Inventor's signa	ture: Tetruza Sanura	Date: 17 Sep 2001					
Residence:	7-4-9 Tsukimino, Yamato, Ka						
Citizenship:	Japan	Post Office Address: Same					



Khanh Q. Tran

Docket No. <u>ARC920010055US1</u>

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

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MULTIPLE LEVEL (ML), INTEGRATED SECTOR FORMAT (ISF), ERROR CORRECTION CODE (ECC) ENCODING AND DECODING PROCESSES FOR DATA STORAGE OR COMMUNICATION DEVICES AND SYSTEMS

the specification of which is attached hereto unless the following box is checked: was filed on as United States Application Number or PCT International Application Number and was amended on I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR §1.56. I hereby claim foreign priority benefits under 35 USC §119(a-d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed. ŧŝ Prior Foreign Application(s): **Priority Claimed** (Number) (Country) (Day/Month/Year Filed) I hereby claim the benefit under 35 USC §119(e) of any United States provisional application(s) listed below: Provisional Application(s): (Application Number) (Filing Date) I hereby claim the benefit under 35 USC §120 of any United States application(s), or §365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 USC §112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application. (Application Number) (Filing Date) (Status - patented, pending, abandoned) Power of Attorney: I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Thomas R. Berthold (#28.689)Daniel E. Johnson (#37.033)Marc D. McSwain (#44.929)Alison D. Mortinger (#39,306)

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			San Jose, California 95120-6099		
believed to be true punishable by fine	ue; and further that these e or imprisonment, or bott	statements were made with the kn	ue and that all statements made on information and belief are owledge that willful false statements and the like so made are le United States Code and that such willful false statements may		
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Docket No. ARC920010055US1

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

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